

and three carinated lines, the superior one largest, the lower one fine ; colour dark olive-brown.

Inhabits Savannah River.

M. symmetrica. Subulate ; whorls 9, slightly convex, with longitudinal, slightly curved, narrow ribs, interrupted near the suture by a revolving granulated line ; ribs on the body whorl not extending as far as the middle ; margin of labrum profoundly rounded ; colour ochraceous and black.

Inhabits Savannah River.

Near the apex two or three volutions have a fine, granulated, carinated line.

METEOROLOGICAL OBSERVATIONS FOR AUG. 1849.

Chiswick.—August 1. Very fine : clear. 2. Very fine : slight rain. 3. Slight rain : overcast : cold at night. 4. Clear and fine. 5. Fine : cloudy. 6. Cloudless : very fine. 7. Fine : overcast : rain. 8. Clear : very fine : lightning. 9. Foggy : very fine : heavy showers. 10. Hazy : very fine : clear. 11. Clear : cloudy : rain. 12. Overcast : clear : rain. 13. Showery. 14. Cloudy and fine. 15. Very fine. 16. Showery : very clear at night. 17—19. Fine. 20. Cloudy. 21—23. Very fine. 24. Very fine : hazy. 25. Uniformly overcast : very fine. 26, 27. Very fine. 28. Very fine : slight rain at night. 29. Overcast. 30. Dry haze : rain at night. 31. Hazy : cloudy and fine.

Mean temperature of the month	62°·91
Mean temperature of Aug. 1848	58 ·74
Mean temperature of Aug. for the last twenty-three years	62 ·18
Average amount of rain in August	2·41 inches.

Boston.—Aug. 1. Fine. 2. Fine : rain P.M. 3. Cloudy. 4. Fine. 5—7. Cloudy. 8. Cloudy : rain early A.M. : thermometer 79° 3 P.M. 9. Fine : rain P.M. 10, 11. Cloudy : rain P.M. 12. Fine. 13. Cloudy : rain P.M. 14. Cloudy. 15. Fine. 16. Cloudy. 17. Fine. 18. Cloudy : rain A.M. 19. Fine. 20—23. Cloudy. 24—26. Fine. 27—29. Cloudy. 30. Cloudy : rain P.M. 31. Fine.

Applegarth Manse, Dumfries-shire.—Aug. 1. Fair. 2, 3. Fair : a few drops P.M. 4. Fair and warm. 5, 6. Fair : warm : cloudy P.M. 7. Frequent showers. 8. Fair and fine : beautiful day. 9. Very warm : thunder : showers. 10. Heavy shower : very warm. 11. Very heavy rain : thunder. 12. Rain : river flooded. 13. Heavy rain. 14. Showers A.M. : cloudy P.M. 15. One shower : dull and cloudy. 16. Heavy showers : hail. 17. Wet A.M. : fine : thunder P.M. 18. Frequent showers. 19. Fair : calm : cloudy. 20. Fair and fine. 21. Fair, but dull and cloudy. 22. Light drizzling showers. 23. Showers frequent, not heavy. 24. Fair, but cloudy. 25. Shower during night : cleared. 26. Showers A.M. : fine. 27. Fair and bracing : harvest day. 28. Fair, but dull : rain P.M. 29. Fair and fine all day. 30. Rain throughout. 31. Fair and fine : dull : cleared.

Mean temperature of the month	56°·7
Mean temperature of Aug. 1848	53 ·7
Mean temperature of Aug. for the last twenty-five years ...	57 ·1
Mean rain in Aug. for twenty years.....	3·60 inches.

Sandwich Manse, Orkney.—Aug. 1. Drizzle. 2—4. Drizzle : showers. 5. Fog : cloudy. 6. Fog. 7. Cloudy. 8. Rain : fog. 9. Hazy : fog. 10. Hazy : cloudy. 11. Cloudy : rain. 12. Clear : clear, aurora. 13. Bright : clear. 14. Drizzle : rain. 15. Clear. 16. Bright : cloudy. 17. Showers. 18. Bright : cloudy A.M. 19. Damp : cloudy. 20. Drizzle : damp. 21. Rain : fine. 22. Rain : clear. 23. Clear. 24. Clear : cloudy. 25. Rain. 26. Bright : showers. 27. Bright : cloudy. 28. Cloudy : showers. 29. Drizzle : damp. 30. Bright : damp. 31. Clear : fine.